

GRANT SUMMARY

Completed Grant Summaries are made available to the public on the State Water Resources Control Board's (SWRCB) website at <http://www.waterboards.ca.gov/funding/grantinfo.html>

Use the tab and arrow keys to move through the form. If field is not applicable, please put N/A in field.

Date filled out: 7-16-2007

Grant Information:

1. **Grant Agreement Number:** 06-293-559-0
2. **Project Title:** Arundo Control San Luis Rey: Water Conservation, Pollution Reduction and Habitat Restoration
3. **Project Purpose - Problem Being Addressed:** Restore 2.2 miles of river by controlling >75 acres of Arundo with re-vegetation on >68 ac of riparian habitat on the San Luis Rey Watershed. This will reduce flood and fire risk/damage, improve water quality (save water, reduce NPS pollution, and sedimentation), and restore sensitive habitat.
4. **Project Goals**
 - a. **Short-term Goals:** Restore 2.2 miles of river by controlling >75 acres of Arundo with re-vegetation on >68 ac of riparian habitat. Save water, reduce NPS pollution, decrease sedimentation, and restore sensitive habitat. Significant immediate reduction of fire and flood damage.
 - b. **Long-term Goals:** Reduce long term control and maintenance costs by using a top down Arundo control approach. Improve other watershed eradication programs through transfer of methods and approaches. Increase public knowledge of invasive plant impacts- resulting in better management on private property and reduced use of invasive plants.
5. **Project Location:** (lat/longs, watershed, etc.) San Luis Rey Watershed, San Diego County : 33.3 -117.1
 - a. **Physical Size of Project:** (miles, acres, sq. ft., etc.) 2.2 miles of river, >75 acres within 800 acre site
 - b. **Counties Included in the Project:** San Diego County
 - c. **Legislative Districts:** (Assembly and Senate) Assembly: 66, 74 Senate: 36, 38
6. **Which SWRCB program is funding this grant? Please "X" box that applies.**
☐ Prop 13 ☐ Prop 40 ☒ Prop 50 ☐ EPA 319(h) ☐ Other

Grant Contact:

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Grant Time Frame:

From: April 24, 2007 **To:** March 1, 2010

Project Partner Information: Santa Margarita and San Luis Rey Weed Management Area :
<http://www.smslrwma.org/>

Nutrient and Sediment Load Reduction Projection:

For 75 acres of Arundo control

- Water savings: 356.9 ac ft per year
- Biomass (wet): 20,769,320 lbs
- Ash (post-fire input): 25,000 kg/yr

For program area along San Luis Rey River (>200 acres of Arundo control)

- Human waste: 8,212 lbs per year (15 camps x 45 individuals x 0.5lb/day x 365 days)
- Trash: 22,500 lbs per year (15 camps x 45 individuals x 500lbs per year)
- Sediment (modification of peak flow deposition rate): increase 150,000 cu yds of sediment discharge per year (10% increase in annual sediment discharge, Arundo is trapping sediment in the river reducing flow capacity, causing flooding, and impacting sand replenishment on beaches).

Please provide a hard copy to your Grant Manager and an electronic copy to your Program Analyst for SWRCB website posting. All applicable fields are mandatory. Incomplete forms will be returned.